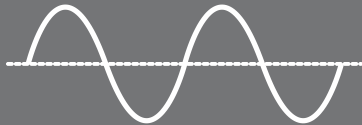


Reliable power supply solution For Automotive/ RV/ Off grid system



With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other heavy duty equipment, SPH power inverter gives perfect performance of running loads from the household appliances to office devices.

SCH300 and SCH600 models have FCC class A regulation to eliminate interference potential with other devices, while UL 458 standards means SPH series meet strict RV and marine safety standards. This inverter can be easily installed to fit into any compartment.

Product Features

- Regulated by UL458 and CSA C22.2, CE under EN55022:2006+A1:2007 standards
- Pure sine wave output runs all loads from households appliances to office equipment
- Independent heatsink design to decrease temperature of main case
- High overload capacity allows high surge power to operate induction loads
- External LED remote controller with 5 meters remote wire
- 24 months warranty

Protection

- Battery DC over voltage and low voltage protection
- Short circuit protection
- Over temperature protection
- Over load protection

Application



Motorhome



Caravan



Mobile homes



Mobile workshop



Regular vehicle



Off grid solar system

Power Range

150 W

300 W

600 W

800 W

1000 W

1500 W

2000 W

3000 W

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| Power input & Output | | SCH150 | SCH300 | SCH600 | SCH1000 | SCH1500 | SCH2000 | SCH3000 |
|---------------------------------------|------|--|------------|------------|------------------|------------|-------------|-------------|
| Output Power | | 150W | 300W | 600W | 1000W | 1500W | 2000W | 3000W |
| Surge Power | | 250W | 600W | 1200W | 2000W | 3000W | 4000W | 6000W |
| Idle power | | 2W | 3W | 3W | 9W | 9.5W | 12W | 15W |
| DC Input Voltage | | 12 VDC | | | 12, 24 or 48 VDC | | | |
| DC Input Regulation | | 10.5-15 VDC (×2 for 24 VDC; ×4 for 48 VDC) | | | | | | |
| Output Voltage | | 100/ 110/ 120VAC +/- 3%; 220/ 230/ 240VAC +/- 5% | | | | | | |
| Output Frequency | | 50/60Hz +/- 0.05% | | | | | | |
| Output Waveform | | True sine wave (THD<3%) | | | | | | |
| Power Factor | | 0.8-1 | | | | | | |
| Efficiency | 110V | 88% | 88% | 90% | 92% | 92% | 93% | 92% |
| | 230V | 89% | 89% | 92% | 93% | 93% | 93% | 93% |
| Control & Signal indicates | | | | | | | | |
| Fault Indication | | Red LED light and buzz alarm | | | | | | |
| Work Indication | | Green LED light | | | | | | |
| Remote Control | | CR10 or CR11(work with DBS battery isolator) | | | | | | |
| Battery type | | AGM, Seal lead acid, Gel, Open lead acid, LiFeO4 | | | | | | |
| Protection | | Overload, Over / under input voltage, Over temperature, Short circuit, | | | | | | |
| Safety | | AS/NZS 4763:2011, UL458, LVD(EN60950) | | | | | | |
| General parameter | | | | | | | | |
| Operating Temp | | -5~40℃ | | | | | | |
| Working Humidity | | 20~90% RH | | | | | | |
| Storage Temp | | -30~70℃ | | | | | | |
| Cooling | | Automatic temp-control fans | | | | | | |
| Weight (kg) | | 0.5 | 1 | 1.5 | 2.9 | 3.2 | 4.3 | 5.5 |
| Size (mm) | | 120*96.5*55 | 157*200*79 | 150*237*79 | 170*265*96 | 170*351*96 | 242*463*118 | 242*463*118 |